

# Comparisons of Job Characteristics

**Focus Occupation:** Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

**Associated Occupation:** Telecommunications Line Installers and Repairers (49-9052)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 96

**Focus Occupation:** Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

**Associated Occupation:** Telecommunications Line Installers and Repairers (49-9052)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Telecommunications	3.9	14.0	19.3	>>	Current knowledge level is likely more than sufficient
Customer and Personal Service	11.3	13.8	15.6	>	Current knowledge level is likely sufficient
Computers and Electronics	8.4	10.4	15.4	>>	Current knowledge level is likely more than sufficient
Engineering and Technology	5.7	8.7	9.4	0	Current knowledge level may be sufficient
Design	5.2	6.8	7.6	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation:** Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

**Associated Occupation:** Telecommunications Line Installers and Repairers (49-9052)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Troubleshooting	4.5	9.8	11.8	>	Skill level is likely sufficient
Operation Monitoring	6.6	9.3	11.4	>	Skill level is likely sufficient
Operation and Control	5.4	9.1	10.0	0	Current skill level may be sufficient
Equipment Maintenance	3.5	8.3	10.3	>	Skill level is likely sufficient
Repairing	3.4	7.1	10.6	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022) Associated Occupation: Telecommunications Line Installers and Repairers (49-9052)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	11.1	10.4	0	Current ability level may be sufficient
Control Precision	6.6	10.7	9.4	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	10.6	10.1	0	Current ability level may be sufficient
Visual Color Discrimination	6.4	9.6	12.9	>>	Current ability level is likely more than sufficient
Time Sharing	6.6	8.5	8.1	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	6.9	8.6	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 88
Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022) Associated Occupation: Telecommunications Line Installers and Repairers (49-9052)		
Work Activities	Exclusivity of Activity	
Answer customer or public inquiries	41	
Apply cleaning solvents	41	
Calibrate or adjust electronic equipment or instruments to specification	67	
Clean equipment or machinery	20	
Climb ladders, scaffolding, or utility or telephone poles	56	
Dig holes or trenches for foundations, posts, poles, or related items	78	
Distinguish colors	44	
Erect power or communication poles or towers	95	
Install electronic power, communication, control, or security equipment or systems	76	
Install/string electrical or electronic cable or wiring	76	
Move or fit heavy objects	8	
Read blueprints	10	
Read schematics	34	
Read technical drawings	7	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Splice electric cable	85	
Splice electric or communications trunk lines	92	

Test electrical/electronic wiring, equipment, systems or fixtures	54
Use electrical or electronic test devices or equipment	40
Use hand or power tools	2
Use interpersonal communication techniques	10
Use soldering equipment	44
Use two-way radio or mobile phone	42
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)**  
**Associated Occupation: Telecommunications Line Installers and Repairers (49-9052)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.